Patent Claims

1. Link plate (1) for an energy guide chain, where the link plate (1) has overlap regions (2, 3) with an angle positioning of the stop faces limiting the energy guide chain, characterized by the fact that the overlap regions (2, 3) always have a central region (6, 7, 8, 20, 21, 22) which are each surrounded by at least two regions in which some stop faces (10, 11, 13, 14; 17, 18, 24, 26, 29, 30) are arranged.

2. Link plate (1) according to Claim 1, characterized by two regions (6, 7, 20, 21), which are designed so that, in the case of an energy guide chain composed of link plates, the angular position of the energy guide chain is different depending on the pivoting direction.

3. Link plate (1) according to Claim 1 or 2, characterized by a first region (6, 20), which has stop faces (10, 11, 24), where these determine the prestressing of the energy link chain in the case of an energy guide chain composed of link plates.

4. Link plate (1) according to Claim 1, 2 or 3, characterized by a second region (7, 21), which has stop faces (13, 14, 25), where these energy guide chains determine a radius of curvature in a transition region between a lower trunk and an upper trunk in the case of an energy guide chain composed of link plates.

5. Link plate (1) according to one of Claims 1 to 4, characterized by a third region (8, 22) which has at least one stop (15, 16, 27, 28) with at least one stop face (17, 30) and which has a spring-elastic characteristic.

6. Link plate (1) according to Claim 5, characterized by the fact that the stop has an essentially V-shaped cross-section.

7. Link plate (1) according to Claim 5 or 6, characterized by the fact that the at least one stop face is made of a first material, where the stop face has at least one region which is made of a second material which has a lower hardness than the first material.

8. Link plate (1) according to one or several of the previous Claims 1 to 7, characterized by the fact that the regions are essentially concentric with respect to one another.

9. Link plate (1) according to one of Claims 1 to 8, characterized by the fact that at least some stop faces have an essentially convex form.

10. Link plate (1) according to one of Claims 1 to 9, characterized by the fact that at least some stop faces have an essentially concave form.

11. Energy guide chain with chain links joined together by linking, formed from link plates according to one or several of Claims 1 to 10 and from the elements connecting these.